

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
1	BRS	L1	32101 1	sensor (sens\$4 adj means)	USPA T	2002/04/2 3 16:56	
2	BRS	L2	27489 3	microprocessor processor	USPA T	2002/04/2 3 16:56	
3	BRS	L3	85114	1 and 2	USPA T	2002/04/2 3 16:10	
4	BRS	L4	2452	wind adj4 (tubine mill motor plant generator)	USPA T	2002/04/2 3 16:23	
5	BRS	L5	173	3 and 4	USPA T	2002/04/2 3 16:12	
6	BRS	L6	11	5 and (optimum near3 (economic\$4 efficiency))	USPA T	2002/04/2 3 16:24	
7	BRS	L7	162	5 not 6	USPA T	2002/04/2 3 16:19	
8	BRS	L8	2971	wind adj4 (turbine mill motor plant generator)	USPA T	2002/04/2 3 16:57	
9	BRS	L9	201	3 and 8	USPA T	2002/04/2 3 16:24	
10	BRS	L10	11	9 and (optimum near3 (economic\$4 efficiency))	USPA T	2002/04/2 3 16:59	
11	BRS	L11	0	10 not 6	USPA T	2002/04/2 3 16:25	
12	BRS	L12	190	9 not 10	USPA T	2002/04/2 3 16:26	
13	BRS	L13	76805 3	sensor (sens\$4 adj means)	EPO; JPO; DERW ENT	2002/04/2 3 16:56	
14	BRS	L14	40050 8	microprocessor processor	EPO; JPO; DERW ENT	2002/04/2 3 16:57	
15	BRS	L15	34193	13 and 14	EPO; JPO; DERW ENT	2002/04/2 3 16:57	
16	BRS	L16	10550	wind adj4 (turbine mill motor plant generator)	EPO; JPO; DERW ENT	2002/04/2 3 16:58	
17	BRS	L18	0	17 and (optimum near3 (economic\$4 efficiency))	EPO; JPO; DERW ENT	2002/04/2 3 16:59	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
18	BRS	L17	22	15 and 16	EPO; JPO; DERW ENT	2002/04/23 16:59	

DERWENT-ACC-NO: 2001-645083  
DERWENT-WEEK: 200212  
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TITLE: Generating-mode system for monitoring and control  
of power station, has  
generic management device which obtains warning information  
from unit  
monitoring apparatus, to be displayed based on degree of  
importance

INVENTOR: FUJIWARA, T; FUKUDA, H ; MURATA, J ; NARA, K ;  
TANAKA, T ; YAMADA, T

PATENT-ASSIGNEE: TOSHIBA KK[TOKE]

PRIORITY-DATA: 2000JP-0082732 (March 23, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES	MAIN-IPC	
JP 2001273031	October 5, 2001	N/A
028	G05B 023/02	
A	September 27, 2001	N/A
000	G08B 025/00	
AU 200128101 A		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP2001273031A	N/A	2000JP-0082732
March 23, 2000		
AU 200128101A	N/A	2001AU-0028101
March 19, 2001		

INT-CL (IPC): G05B023/02; G08B025/00 ; G08B025/14 ;  
H02J013/00

ABSTRACTED-PUB-NO: JP2001273031A

BASIC-ABSTRACT: NOVELTY - A generic management device (1)  
manages several power  
stations consisting of several units. A unit monitoring  
apparatus (2) monitors  
and controls the units and communicates with management  
device through data

communication device (3). The management device receives warning information from the monitoring apparatus and displays the information depending on degree of importance.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Generic management device;
- (b) Unit monitoring apparatus;
- (c) Storage medium storing management program

USE - For monitoring and controlling power generating plants.

ADVANTAGE - Since the plant data of each unit are transmitted to management device and warning information is displayed depending on demand of operating staff and plant performance, efficient monitoring of several power stations is enabled.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of generating-mode control system. (Drawing includes non-English language text).

Generic management device 1

Unit monitoring apparatus 2

Data communication device 3

CHOSEN-DRAWING: Dwg.1/33

TITLE-TERMS:

GENERATE MODE SYSTEM MONITOR CONTROL POWER STATION  
MANAGEMENT DEVICE OBTAIN  
WARNING INFORMATION UNIT MONITOR APPARATUS DISPLAY BASED  
DEGREE IMPORTANT

DERWENT-CLASS: T06

EPI-CODES: T06-A08;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N2001-483071

DERWENT-ACC-NO: 2002-230910  
DERWENT-WEEK: 200229  
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TITLE: Plant operation monitoring system e.g. for power  
plant, displays  
control logic diagram by calling logic monitor function of  
maintenance tool and  
controller through communication network

PATENT-ASSIGNEE: HITACHI LTD[HITA]

PRIORITY-DATA: 2000JP-0052135 (February 23, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES	MAIN-IPC	
JP 2001236118	August 31, 2001	N/A
006	G05B 023/02	
A		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP2001236118A	N/A	2000JP-0052135
February 23, 2000		

INT-CL (IPC): G05B019/048; G05B023/02 ; G08B023/00 ;  
G08B025/00

ABSTRACTED-PUB-NO: JP2001236118A

BASIC-ABSTRACT: NOVELTY - A controller (2) and a  
maintenance tool (3) are  
connected to a monitoring apparatus (1) through a  
communication network (4).  
The monitoring apparatus calls the on-line logic monitoring  
function of the  
maintenance tool and the controller and displays control  
logic diagram for  
displaying abnormality factor, during plant failure.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also  
included for plant  
operation monitoring method.

USE - For monitoring performance of plant equipment and controller in e.g. power plant.

ADVANTAGE - Even unskilled operator can understand the warning diagram in less time, hence plant maintenance is improved.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of power plant monitoring system. (Drawing includes non-English language text).

Monitoring apparatus 1

Controller 2

Maintenance tool 3

Communication network 4

CHOSEN-DRAWING: Dwg.1/4

TITLE-TERMS:  
PLANT OPERATE MONITOR SYSTEM POWER PLANT DISPLAY CONTROL  
LOGIC DIAGRAM CALL  
LOGIC MONITOR FUNCTION MAINTAIN TOOL CONTROL THROUGH  
COMMUNICATE NETWORK

DERWENT-CLASS: T06 W05 X12

EPI-CODES: T06-A04B1; T06-A08; W05-D06G; W05-D07F;  
W05-D08C1; X12-H03A;

SECONDARY-ACC-NO:  
Non-CPI Secondary Accession Numbers: N2002-177669

DERWENT-ACC-NO: 2001-608485  
DERWENT-WEEK: 200170  
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TITLE: Electric power plant control system has auxiliary  
operating console  
which performs monitoring and control of control device via  
selected operating  
console

PATENT-ASSIGNEE: HITACHI LTD[HITA]

PRIORITY-DATA: 1999JP-0216341 (July 30, 1999)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES	MAIN-IPC	
JP 2001042930	February 16, 2001	N/A
006	G05B 023/02	
A		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP2001042930A	N/A	1999JP-0216341
July 30, 1999		

INT-CL (IPC): G05B023/02; G06F003/14

ABSTRACTED-PUB-NO: JP2001042930A

BASIC-ABSTRACT: NOVELTY - Operating consoles (1,2) are  
connected to control  
device (16) which performs sequence control of actuator,  
via communication  
circuit (15). Auxiliary operating console (3) acquires  
environment variable  
defining operating conditions of operating console, from  
one among the  
operating consoles (1,2) and performs monitoring and  
control of control device  
via the selected operating console.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included  
for the following:



(a) Auxiliary operating console;

(b) Communication tip switching procedure

USE - For controlling electric power plant, refuse incineration plant.

ADVANTAGE - Enables using auxiliary operating console without the need for interface for controller.

DESCRIPTION OF DRAWING(S) - The figure shows the console.

Operating consoles 1-3

Communication circuit 15

Control device 16

CHOSEN-DRAWING: Dwg.2/6

TITLE-TERMS:

ELECTRIC POWER PLANT CONTROL SYSTEM AUXILIARY OPERATE  
CONSOLE PERFORMANCE

MONITOR CONTROL CONTROL DEVICE SELECT OPERATE CONSOLE

DERWENT-CLASS: T06 X11 X25

EPI-CODES: T06-A08; X11-C10; X25-W01;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N2001-454348

DERWENT-ACC-NO: 1999-463690  
DERWENT-WEEK: 199940  
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TITLE: Sequence control monitoring apparatus for plant in  
power stations -  
performs sequence control of object and change of object to  
image information  
for monitoring apparatus

PATENT-ASSIGNEE: HITACHI LTD[HITA]

PRIORITY-DATA: 1998JP-0000265 (January 5, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES	MAIN-IPC	
JP 11194817 A	July 21, 1999	N/A
007	G05B 023/02	

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP 11194817A	N/A	1998JP-0000265
January 5, 1998		

INT-CL (IPC): G05B019/048; G05B023/02

ABSTRACTED-PUB-NO: JP 11194817A

BASIC-ABSTRACT: NOVELTY - The condition of controlled  
object is detected. The  
object is sequence controlled based on the detecting  
signal. The object  
information is changed to image information and content is  
displayed on screen.  
The result is recorded sequentially along the time axis for  
monitoring  
purposes.

USE - For monitoring the condition of apparatus of various  
plants in power  
station.

ADVANTAGE - The transmission condition of signal is  
detected reliably based on

detecting condition. DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of sequence control monitoring apparatus.

CHOSEN-DRAWING: Dwg.1/8

TITLE-TERMS:

SEQUENCE CONTROL MONITOR APPARATUS PLANT POWER STATION  
PERFORMANCE SEQUENCE  
CONTROL OBJECT CHANGE OBJECT IMAGE INFORMATION MONITOR  
APPARATUS

DERWENT-CLASS: T06 X11

EPI-CODES: T06-A04B1; T06-A08; X11-A09;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1999-347359

DERWENT-ACC-NO: 2002-741110  
DERWENT-WEEK: 200280  
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TITLE: Power generation facility revenue prediction method  
based on web site  
server

INVENTOR: JUNEAU, M A

PATENT-ASSIGNEE: GE CAPITAL SERVICES STRUCTURED FINANCE  
GROUP INC[GECAN]

PRIORITY-DATA: 2001US-0833823 (April 12, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES	MAIN-IPC	
WO 200284247	October 24, 2002	E
096	G01M 001/38	
A1		

DESIGNATED-STATES: AE AG AL AM AT AU AZ BA BB BG BR BY BZ  
CA CH CN CO CR CU CZ D  
E DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KR KZ LC LK  
LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI SK SL  
TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AT BE CH CY DE  
DK EA ES FI FR GB GH G  
M GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG  
ZM ZW

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
WO	N/A	2002WO-US01915
January 25, 2002		
200284247A1		

INT-CL (IPC): G01M001/38

ABSTRACTED-PUB-NO: WO 200284247A  
BASIC-ABSTRACT: NOVELTY - Method for monitoring performance

of a power  
generating facility and making a management recommendation  
on a selection of  
one power plant out of many uses a network based system  
including a server  
system coupled to a centralized database. The method is  
based on identifying  
assumptions to evaluate power generating facilities,  
receiving a power  
generating facility information and computing performance  
matrix of the power  
generating facility based on received information and the  
assumptions made.

DETAILED DESCRIPTION - Initially the user accesses a home  
page of web site  
through the client system. The home page displays several  
options including  
updating database, searching the database, or printing.  
Once the user selects  
a specific option from the various hypertext links the  
request is transmitted  
to a server system. Once the server system receives the  
request the database  
is accessed and the requested information is downloaded and  
provided to client  
system.

INDEPENDENT CLAIMS are included for:

- (1) A computer program
- (2) Apparatus
- (3) A web based system
- (4) A database
- (5) A computer

USE - In network based systems for power generating  
facilities evaluation.

ADVANTAGE - web site automated databases are used reducing  
cost and providing  
consistency.

DESCRIPTION OF DRAWING(S) - Drawing shows a block diagram

of power plant  
revenue prediction system.

Database 20

Server 12

Computer 14

Database server. 16

CHOSEN-DRAWING: Dwg.1/64

TITLE-TERMS:

POWER GENERATE FACILITY REVENUE PREDICT METHOD BASED WEB  
SITE SERVE

DERWENT-CLASS: T01 X12

EPI-CODES: T01-J05B4P; T01-N01A2F; T01-S03; X12-H01B;  
X12-H03A; X12-H04;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N2002-583823